

S/148/62/000/007/004/005
E210/E335

Studies of

The changes in the above parameters during artificial ageing pointed to the existence of two substantially different processes: the first occurring at low temperatures ($20 - 100^{\circ}\text{C}$) and corresponding to the natural ageing, and the second occurring at high temperatures and corresponding to artificial ageing. On the basis of their own and other investigations the authors concluded that after hardening of the Al-Cu alloy, a supersaturated solid solution is formed, containing, in certain small regions, slightly different constituent concentrations from those prevailing generally. In the early stages of ageing the above solid solution cannot decompose since the elastic energy of the lattice increases very intensively. These energy considerations favour the accumulation of copper atoms in the minute Guinier-Preston zones which are bound to the solid-solution lattice. Increased temperature diffuses the copper atoms and leads to formation of a solid-solution superlattice in which copper-rich planes alternate with the aluminium planes, which lowers R_H , ϱ and the hardness.

Card 2/3

S/148/62/000/007/004/005
E210/E335

Studies of

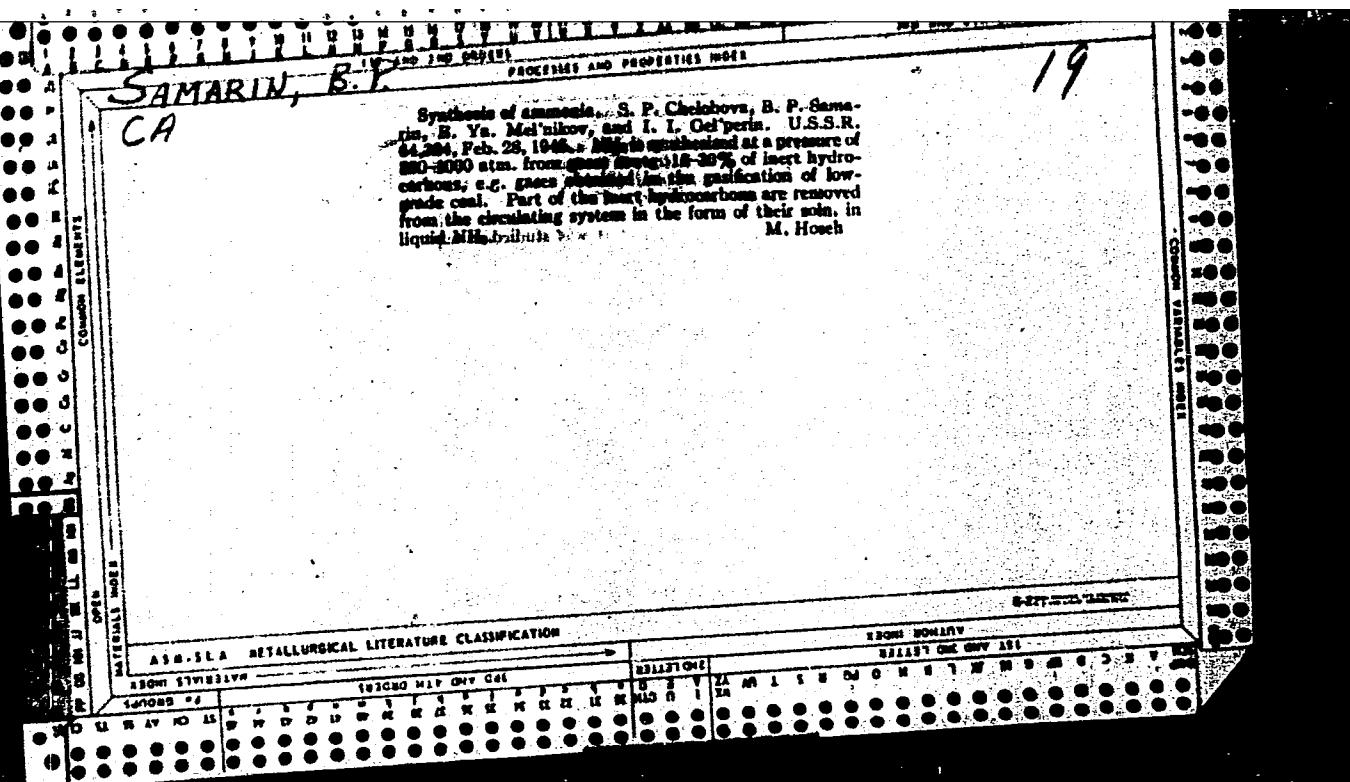
Further temperature rise starts to precipitate the metastable θ' -phase which removes some copper from the supersaturated solid solution, thereby lowering the coherence and introducing some strain into the solid-solution lattice which, in turn, leads to uneven decomposition and increased R_H values (above the values present in the annealed state). Still further increase in temperature leads to the formation of the stable θ -phase, bringing the solid solution closer to the equilibrium, which is accompanied by the fall in R_H .

There are 2 figures.

ASSOCIATION: Moskovskiy institut stali i splavov
(Moscow Institute of Steel and Alloys)

SUBMITTED: July 11, 1961

Card 3/3



SAMARIN, B. I.

TA 53T15

USSR/Chemistry - Nitrogen

Dec 1947

"State Institute of the Nitrogen Industry," B. P.
Samarin, Chief Engr, 2 pp

"Khim Prom" No 12

Founded in 1916, by 1926 institute was synthesizing ammonia. Briefly mentions its development since 1926 showing how it increases technical knowledge in Soviet Russia with respect to ammonia production and develops many new useful organic compounds. Two photographs show the compressor plant at nitrogen factory.

LC

53T15

5(0)
AUTHORS:

Bondarenko, N. I., Engineer, Kalinin, V. V., Engineer,
Samarin, B. P., Engineer, Vagin, Ye. V., Candidate of Chemical
Sciences, Petukhov, S. S., Candidate of Technical Sciences

SOV/67-59-4-18/19

TITLE: Answers to Readers

PERIODICAL: Kislorod, 1959, Nr 4, p 53 (USSR)

ABSTRACT: Question (A. Ye. Bykov, Tekeli, Kazakhskaya SSR): How do you explain the pressure increase in the second stage of the air compressor in the SK-05 apparatus? Answer (N. I. Bondarenko): By the resistance increasing with the passage of air through the decarbonizer. Question (L. G. Konyukh, Kemerovo): Does the USSR manufacture oxygen compressors with capacities of 150 - 200 m³/hour? Answer (V. V. Kalinin): Yes, the types 2RK-2/4 (120 m³/hour) and 2RK-4/5 (220 m³/hour). Question (N. V. Volodina, Stalinogorsk, Tula oblast'): Is oxygen stored in wet gas containers? Answer (B. P. Samarin): Yes, according to the plan of the GPI "Proyektstal'konstruktsiya" and the GIAP, since 1957. 1st Question (V. N. Ol'khovik, Pervomayskiy, Tula oblast'): Which are the purifying methods used today for

Card 1/2

Answers to Readers

SOV/67-59-4-18/19

raw crypton? Answer (Ye. V. Vagin, S. S. Petukhov): The principal methods are enumerated and explained. 2nd Question: Is it possible to use NaOH instead of KOH to dry the crypton concentrate? Answer: It is, but under certain conditions.

Card 2/2

SAMARIN, B.P.

Modernization of technological processes and basic equipment in
the manufacture of ammonia. Zhur.VKHO 6 no.1:39-43 '61.
(MIRA 14:3)

(Ammonia)

STREL'TSOV, O.A.; SAMARIN, B.P.; SIDOROV, I.P.; RUSOV, M.T.

Catalysts and catalytic processes occurring in long layers.
Kin.i kat. 3 no.4:580-582 Jl-Ag '62. (MIRA 15:8)

1. Gosudarstvennyy institut azotnoy promyshlennosti i Institut
fizicheskoy khimii imeni L.V.Pisarzhevskogo AN USSR.
(Catalysis) (Chemical reactors)

IVANOVSKIY, F.P., kand. tekhn. nauk, red.; FURMAN, M.S., doktor khim.nauk, red.; SAMARIN, B.P., red.; KRICHESKII, I.R., prof., doktor khim. nauk, red.; GOLUBEV, I.F., doktor tekhn.nauk, red.; KRAL'SHCHIKOV, A.I., doktor khim. nauk, red.; KLEVKE, V.A., kand. tekhn. nauk, red.; LEVCHENKO, G.T., kand. khim. nauk, red.; GEL'PERIN, I.I., kand. tekhn. nauk, red.; OYSTRAKH, M.L., red.; KREYSBERG, A.Ya., red.; TSUKERMAN, A.M., red.; KOGAN, V.V., tekhn. red.

[Chemistry and technology of the products of organic synthesis; intermediate products for the synthesis of polyamides] Khimiia i tekhnologiya produktov organicheskogo sinteza; poluprodukty dlia sinteza poliamidov. Moskva, Goskhimizdat, 1963. 255 p.
(MIRA 17:3)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy i proyekt-nyy institut azotnoy promyshlennosti. 2. Zamestitel' direktora Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti (for Ivanovskiy). 3. Zamestitel' direktora po nauchnoy chasti Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti (for Furman). 4. Glavnyy inzhener Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti (for Samarin).

SAMARIN, D.A.; ARKHANGEL'SKIY, V.V., redaktor; KLYKOV, A.A., redaktor;
KRUNDYSHOV, B.A., redaktor; SLEDMEV, I.P., redaktor; KHERSONSKIY,
Kh.N., redaktor; SHENIN, L.P., redaktor; PETROVSKAYA, Ye.K.,
redaktor; DOTSENKO, A.A., tekhnicheskij redaktor

[Anglers; an almanac] Rybolov-sportament al'manakh. Moskva, Gos.
izd-vo "Fizkul'tura i sport," Vol.7. 1957. 264 p. (MLRA 10:7)
(Fishing)

SAMARIN, Dmitriy Alekseyevich; GORBACHEVA, A.N., red.; SHPEKTOROVА,
Ye.I., tekhn.red.

[Ice fishing] Podlednoe uzhenie ryby. Izd.2. Moskva, Gos.
izd-vo "Fizkul'tura i sport," 1959. 87 p. (MIRA 13:3)
(Ice fishing)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, D.A.

Fishing in July. Mast.ugl. 9 no.7:24 Jl '60. (MIRA 13:7)
(Fishing)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100		101		102		103		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118		119		120		121		122		123		124		125		126		127		128		129		130		131		132		133		134		135		136		137		138		139		140		141		142		143		144		145		146		147		148		149		150		151		152		153		154		155		156		157		158		159		160		161		162		163		164		165		166		167		168		169		170		171		172		173		174		175		176		177		178		179		180		181		182		183		184		185		186		187		188		189		190		191		192		193		194		195		196		197		198		199		200		201		202		203		204		205		206		207		208		209		210		211		212		213		214		215		216		217		218		219		220		221		222		223		224		225		226		227		228		229		230		231		232		233		234		235		236		237		238		239		240		241		242		243		244		245		246		247		248		249		250		251		252		253		254		255		256		257		258		259		260		261		262		263		264		265		266		267		268		269		270		271		272		273		274		275		276		277		278		279		280		281		282		283		284		285		286		287		288		289		290		291		292		293		294		295		296		297		298		299		300		301		302		303		304		305		306		307		308		309		310		311		312		313		314		315		316		317		318		319		320		321		322		323		324		325		326		327		328		329		330		331		332		333		334		335		336		337		338		339		340		341		342		343		344		345		346		347		348		349		350		351		352		353		354		355		356		357		358		359		360		361		362		363		364		365		366		367		368		369		370		371		372		373		374		375		376		377		378		379		380		381		382		383		384		385		386		387		388		389		390		391		392		393		394		395		396		397		398		399		400		401		402		403		404		405		406		407		408		409		410		411		412		413		414		415		416		417		418		419		420		421		422		423		424		425		426		427		428		429		430		431		432		433		434		435		436		437		438		439		440		441		442		443		444		445		446		447		448		449		450		451		452		453		454		455		456		457		458		459		460		461		462		463		464		465		466		467		468		469		470		471		472		473		474		475		476		477		478		479		480		481		482		483		484		485		486		487		488		489		490		491		492		493		494		495		496		497		498		499		500		501		502		503		504		505		506		507		508		509		510		511		512		513		514		515		516		517		518		519		520		521		522		523		524		525		526		527		528		529		530		531		532		533		534		535		536		537		538		539		540		541		542		543		544		545		546		547		548		549		550		551		552		553		554		555		556		557		558		559		560		561		562		563		564		565		566		567		568		569		570		571		572		573		574		575		576		577		578		579		580		581		582		583		584		585		586		587		588		589		590		591		592		593		594		595		596		597		598		599		600		601		602		603		604		605		606		607		608		609		610		611		612		613		614		615		616		617		618		619		620		621		622		623		624		625		626		627		628		629		630		631		632		633		634		635		636		637		638		639		640		641		642		643		644		645		646		647		648		649		650		651		652		653		654		655		656		657		658		659		660		661		662		663		664		665		666		667		668		669		670		671		672		673		674		675		676		677		678		679		680		681		682		683		684		685		686		687		688		689		690		691		692		693		694		695		696		697		698		699		700		701		702		703		704		705		706		707		708		709		710		711		712		713		714		715		716		717		718		719		720		721		722		723		724		725		726		727		728		729		730		731		732		733		734		735		736		737		738		739		740		741		742		743		744		745		746		747		748		749		750		751		752		753		754		755		756		757		758		759		760		761		762		763		764		765		766		767		768		769		770		771		772		773		774		775		776		777		778		779		780		781		782		783		784		785		786		787		788		789		790		791		792		793		794		795		796		797		798		799		800		801		802		803		804		805		806		807		808		809		810		811		812		813		814		815		816		817		818		819		820		821		822		823		824		825		826		827		828		829		830		831		832		833		834		835		836		837		838		839		840		841		842		843		844		845		846		847		848		849		850		851		852		853		854		855		856		857		858		859		860		861		862		863		864		865		866		867		868		869		870		871		872		873		874		875		876		877		878		879		880		881		882		883		884		885		886		887		888		889		890		891		892		893		894		895		896		897		898		899		900		901		902		903		904		905		906		907		908		909		910		911		912		913		914		915		916		917		918		919		920		921		922		923		924		925		926		927		928		929		930		931		932		933		934		935		936		937		938		939		940		941		942		943		944		945		946		947		948		949		950		951		952		953		954		955		956		957		958		959		960		961		962		963		964		965		966		967		968		969		970		971		972		973		974		975		976		977		978		979		980		981		982		983		984		985		986		987		988		989		990		991		992		993		994		995		996		997		998		999		1000	
---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	------	--

SAMARIN G.A.

4348. SAMARIN G.A. Formation of cardiac conditioned reflexes by administration of strophanthin Clinical Medicine, Moscow 1949, 27/9 (82-89) Graphs 3 Tables 2

Bykov has shown that internal organs have a cortical representation. In order to study the possibility of the development of conditioned reflexes, strophanthin was used as the unconditional stimulus for dogs. For 3 days 0.066-0.1 mg. of strophanthin were given intravenously and ECG's were taken, signs observed being: (1) bradycardia, (2) salivation, (3) vomiting, (4) tachycardia (sometimes atrioventricular block), (5) extrasystolia, (6) ventricular tachycardia, usually 1°-4° only. Effects of 30-104 injections were studied. The conditional stimulus was a violin sound. Interval 6-15 days. It proved possible to obtain as a conditional reflex (with only the sound of the violin, without strophanthin injections) salivation; vomiting with precedent tachycardia; bradycardia. Less regularly observed were tachycardia without vomiting; changes in P-Q interval and T-wave.

The symptoms started at first 10-15 min., later 1-2 min. after the moment the dog was placed in the experimental position. Still later they appeared even on the way to the laboratory. The bradycardia was less pronounced without than with strophanthin. It is clear that only those effects of strophanthin can be obtained, which are produced by its action on the nervous system, and not those which are the results of its action on the heart. Atropine tachycardia could not be reproduced by conditioned reflex. Intracisternal strophanthin injections ($\frac{1}{2}$ -10 g. /kg.) resulted in serious cardiac irregularities (bradycardia, ventricular rhythm). Repeated injections were not tolerated by the animals.

Van der Molen - Terwolde

SO: EXCERPTA MEDICA: Section II, Vol. III, No. 8

SAMARIN, G.A.; KIM YEN KYN [Kim Yon-Kom]; LI CHUN SEN [Yi Ch'um-son]

Arterial pressure in Pyongyang school children. Terap. srkh.
29 no.5:69-79 My '58. (MIRA 11:4)

1. Iz gosvitalya Sovetskogo Krasnogo Kresta v Koreyskoy Narodno-Demokraticeskoy Respublike.

(BLOOD PRESSURE,
normal levels in school child. in Korea (Rus))

SAMARIN, G.A. (Moskva)

One source of error in the determination of blood flow rate:
Klin.med. 36 no.8:120-123 Ag '58 (MIRA 11:9)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - deystvitel'nyy
chlen AMN SSSR prof. A.L. Myasnikov) I Moskovskogo ordena
Lenina meditsinskogo instituta imeni I.M. Sechenova.
(BLOOD CIRCULATION, determ.
flow rate determ., source of error (Rus))

SAMARIN, G.A.; VINOGRADOVA, M.R.

Role of the digestive phase while taking hydrogen sulfide baths
in some changes in the circulatory system and cholesterol meta-
bolism in hypertension. Vop. kur., fizioter. i lech. fiz. kul't.
(MIRA 18:2)
29 no.2:138-142 Mr-Ap '64

1. Otdeleniye lechebnogo pitaniya (zav. G.A. Samarin) TSentral'nogo
instituta kurortologii i fizioterapii (dir. - kand. med. nauk
G.N. Pospelova), Moskva.

Class. Tech. Sci.

SAMARIN, I. K.

"Statistical Calculation of the Flood Beds of Hydraulic Structures as Beams on an Elastic Base Taking Into Account Their Sinking." Sub 16 Feb 51, All-Union Sci Res Inst of Water Supply, Sewerage, Hydraulic Structures and Engineering Hydrogeology (VODGEO)

Dissertations presented for science and engineering degrees in Moscow during 1951.
^{Engg}

SO: Sum. No. 480, 9 May 55

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, I.K.; FEDOROV, I.V.

Methods of calculating the settling of structures on cohesive soils.
Osn., fund. i mekh. grun. 6 [i.e.7] no.2:23-26 '65.

(MIRA 18:8)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

1. SAMARIN, I. K.
2. USSR (600)
4. Foundations
7. Calculating foundations by taking their depth into account. Gidr. stroi. 21, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, I.K.; KRASHENINNIKOVA, G.V.

Designing beams on compressed layers. Osn.fund.i mekh.grun. 2
no.2:23-24 '60.
(Foundations)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, I.K.

The compressible stratum of soil foundations of hydraulic structures
according to data obtained by actual observations of settling.
Osn., fund. i mekh. grun. 4 no.6:7-10 '62. (MIRA 16:1)
(Hydraulic structures) (Soil mechanics)

1. SAMARIN, I YA. YERSHOV, P. P.
2. USSR (600)
4. Stokers, Mechanical
7. Feeding fuel into boiler furnaces with mechanical stokers. Masl. zhir-prom. no. 9: S '52
9. Monthly List of Russian Accessions, Library of Congress, Feb. 1953. Unclassified.

Samarin, I. Ya.

~~Chemical Technology~~ / Chemical Products I-27
and Their Application--Fats and Oils. Waxes.
Soaps, Detergents. Flotation reagents.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10167

Author : Samarin, I. Ya. and Gurcovich, G. L.

Inst : Not given

Title : From the Operating Experience of the Gor'ki fats
Processing Plant. Clarification of Soap stocks
with Hydrogen Peroxide.

Craig Pub: Maslob.-zhir. prom-st, 1953, No 4, 25-27 (in
Russian); Khuzsyuc shitsze, 1953, Vol 8, No 11,
293 (in Chinese)

Abstract: The soap stock is completely saponified in the
cooking kettles, the soap is salted out and
washed. The soap stock mass must be at an alkali-
nity of not under 0.1% and be maintained at
that level throughout the subsequent treatment
with hydrogen peroxide. The latter is diluted

Card 1/2

SAMARIN, I. YA., Eng.

Soap

Clarification of scap stock from dark cottonseed oil. Masl. -zhir. prom. 18, No. 1, '53.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SABARTH, I. YA., Eng.

Soap

Problem of quality in toilet soaps. Nasl. -zhir. prom. 18, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. INCL.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

1. SAMARIN, I. YA; GUREVICH, G. L. (Engs.)
2. USSR (600)
4. Liquids
7. Work practice of the Gor'kiy Fat Combine, Masl.-zhir. prom., 18, no. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SAMARIN, I.Ya.; GUREVICH, G.L.

Clarification of soap stock with hydrogen peroxide. Maslobyno Zhiro-vaya Prom. 18, No.4, 25 '53. (MLRA 6:4)
(CA 47 no.16:8393 '53)

1. Gorki Fat Combine.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, I.Ya.; GUREVICH, G.L.

Filling and weighing viscous liquids. Maslobeyno Zhirovaya Prom.
18, No.4, 25-7 '53. (MLRA 6:4)
(CA 47 no.16:7832 '53)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, I.Ya., inzhener; GUREVICH, G.L., inzhener.

Machine for cleaning rosin from barrel staves. Masl.-zhir.prom. 18 no.
5:27 My '53. (MLEA 6:5)

1. Gor'kovskiy zhirkombinat.

(Barrels)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, I.Ya., inzhener; GUREVICH, G.L., inzhener.

Marking boxes with an electric stamp. Masl.-zhir.prom. 18 no.5:27 My '53.
(MLRA 6:5)

1. Gor'kovskiy zhirkombinat.

(Marking devices)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, I.Ya., inzh.; GUREVICH, G.L., inzh.

Gorkiy Oils and Fats Combine during the forty years of the Soviet
regime. Masl.-zhir. prom. 23 no.11:39-44 '57. (MIRA 13:1)
(Gorkiy--Oils and fats--History)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

GUDOVICHEV, N.Ye., inzh.; SAMARIN, I.Ya., inzh.

Experience in the production of higher aliphatic alcohols by
the reduction method. Masl.-zhir.prom. 25 no.9:39-41 '59.
(MIRA 12:12)

(Alcohols)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, L. (Sochi)

Work of Sochi road builders. Zhil.-kom. khoz. 8 no.12-23 '58.
(MIRA 13:1)

1.Glavnyy imshener sochinskogo tresta "Gidrodormost".
(Sochi--Road construction)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, M. (g.Barnaul)

Invented on a machine-tractor station. Tekh.mol. 23 no.2:4 F '55.
(Altai Territory—Ensilage)(Scrapers) (MIRA 8:4)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN M. A.

PA 44/4947

USSR/Engineering
Presses, Double Action

May 49

"From the Experience of the Bogdanovichi Plant,"
M. A. Samarin, 4 pp

"Ogneupory" No 5

Author has designed universal press designed
to press bottom castings from a solid slab while
punching out the side holes. Productivity of
the press is calculated at 7,200 parts per shift.
Feeding the slab into the press form, removing
parts, and oiling the core are all automatic
operations.

LC

44/49T47

*Engineering Preparation
J. Stegony 2/17/61*

304. A press for the repressing of runner bricks.—M. A. SAMARIN (U.S.S.R.). No. 14, 231, 1949. The author proposes a new universal press for repressing runner bricks with and without side-holes. The main advantage of the press is its versatility and high productivity. The construction is described. (2 figs.)

SAMARIN, M. A.

Moscow 1/12/51

598. Tunnel dryer car with fixed pallets.—M. A. SAMARIN (Ogonyok, 14, 233, 1949). The author proposes fixed pallets with a somewhat different car construction. It is claimed that the life of the pallets is increased 8-3 times and the loading and unloading of the cars are facilitated. (1 fig.)

BRAGIN, V., inzhener-polkovnik; SAMARIN, N., inzhener-mayor

The second life of an airplane. Av. i kosm. 47 no.7:78-81
Jl '65. (MIRA 18:6)

SAMARIN, N.P.

GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva); BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor (Moskva); BEKERMANYAN, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G., professor (Leningrad); GERTSBERG, V.G., professor (Kazan'); GINZBERG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.G., professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad); DRACHINSKAYA, Ye.S., dotsent (Leningrad); YELANSKIY, N.N., professor (Leningrad); KORNEV, P.G., professor (Leningrad); KOCHERGIN, I.G., professor (Moskva); LIMBERG, A.A., professor (Leningrad); LIMBERG, B.E., professor (Moskva); MEZENEV, S.A., dotsent (Leningrad); NAZAROV, V.M., professor (Leningrad); OZKROV, A.D., professor (Leningrad) [deceased]; OSTEN-SAKEN, E.Yu., professor (Leningrad) [deceased]; PETROV, N.N., professor (Leningrad); POLENOV, A.L., professor (Leningrad); SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor (Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad); SHABANOV, A., redaktor

[Manual of specialized surgery] Uchebnik chastnoi khirurgii. Sost. I.S.Babchin i dr. Izd. 2-oe, ispr. i dop. Moskva, Narkomzdrav SSSR, Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MLRA 10:2)
(SURGERY)

L 10726-65 EWT(1)/EPA(s)-2 Pt-10 IJP(c)/(S(mp)-2/ASD(p)-3/RAEM(a)/SSD/
ESD(t)/ESD(gs)/AFWL/ASD(a)-5 GG

ACCESSION NR: AP4046395

8/0056/64/047/003/0836/0639

AUTHORS: Zavadskiy, E. A.; Fakidov, I. G.; Samarin, N. Ya.

TITLE: Magnetic susceptibility of the antiferromagnets $\text{MnSO}_4 \cdot \text{H}_2$, MnO ,
and FeO in strong magnetic fields

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47,
no. 3, 1964, 836-839

TOPIC TAGS: antiferromagnetism, magnetic susceptibility, exchange
interaction, manganese compound, iron oxide, magnetic field intensity

ABSTRACT: In order to check on the possibility that the exchange
interactions in substances with a low Neel temperature can depend on
the intensity of the magnetic field in sufficiently strong magnetic
fields, the authors measured the susceptibilities of $\text{MnSO}_4 \cdot \text{H}_2$, MnO ,
and FeO in fields up to 300 kOe at temperatures both above and below
the Neel temperature (100--400K). The measurements were made by

Card 1/3

L 10726-65

ACCESSION NR: AP4046395

4

slight modification of the method described by R. Stevenson (Rev. Sci. Instr. v. 32, 28, 1961) replacing the Gouy method used there by the Faraday method. A jump in susceptibility was observed in a certain range of magnetic fields both above and below the Neel temperature, and in the case of $\text{MnSO}_4 \cdot \text{H}_2\text{O}$ its temperature dependence was measured in the interval 100--400K. It is concluded on the basis of the experimental data that the exchange interactions occurring in antiferromagnets depend on the magnetic field. It is planned to confirm this hypothesis by studying antiferromagnets having a different ratio of molecular coefficients. "The authors are grateful to I. Ye. Dzyaloshinskiy, Ye. A. Turov, and B. V. Karpenko for useful discussions." Orig. art. has: 2 figures, 1 formula and 1 table.

ASSOCIATION: Institut fiziki metallov Akademii nauk SSSR (Institute of Physics of Metals, Academy of Sciences SSSR)

Card 2/3

L 10726-65

ACCESSION NR: AP4046395

SUBMITTED: 02Apr64

ENCL: 00

SUB CODE: EM, SS

NR REF SOV: 002

OTHER: 005

Card 3/3

1. SAMARIN, P. I.
2. USSR (600)
4. Tomatoes--Diseases and Pests
7. "Tikhius," a tomato pest, Sad i og., No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953,
Uncl.

SAMARIN, R. I.

34122. Zadachi organov zdravookhraneniya po Vypolneniyu Resheniy IV
S'ezda Kommunisticheskoy partii (bol'shevikov) Kazakhstana.
Zdravookhraneniye Kazakhstana, 1949, № 5, S. 3-7

SC: Knizhnaya Letopis' No. 6, 1955

FD-2188

USSR/Medicine - Health service, Kazakh SSR

Card 1/1 Pub 102-8/15

Author : Samarin, R. I., Candidate of Medical Sciences (Alma-Ata)

Title : Experience in organizing medical service in virgin lands of Kazakh SSR

Periodical : Sov. zdrav., 3, 35-37, May-June, 1955

Abstract : A total of 76 medical district hospitals with 779-cots capacity were organized in those areas of Kazakh SSR where virgin and idle lands are under cultivation. In addition, 96 feldsher-midwife posts, 8 pharmacies, and 191 pharmacy posts were set up in those areas. So far 128 physicians and 1,044 medical workers of subprofessional level arrived from European part of the USSR to man the newly organized medical establishments. About 140 physicians arrived here last spring to serve during spring-summer season. Morbidity among new sovkhoz and machine-tractor station personnel has been very low; the greatest percentage of man-hours lost from work has been due mainly to accidental injuries. Director of the Institute of Experimental Surgery, Academy of Sciences Kazakh SSR, Prof. A. N. Syzganov, published a set of instructions on how to prevent accidents among agricultural workers.

Institution : -

Submitted : October 21, 1954

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, R.I., dotsent

Main stages in the development of the public health service in Kazakhstan before the Revolution. Zdrav.Kazakh. 16 no.10:42-45 '56.
(KAZAKHSTAN--PUBLIC HEALTH--HISTORY) (MIRA 9:12)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, R.I., dots.

Medical care in western Kazakhstan in the first half of the
nineteenth century. Zdrav.Kazakh. 17 no.3:37-42 '57.
(MIRA 12:6)

(KAZAKHSTAN--PUBLIC HEALTH)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, R.I., dots.

Medical care in Kazakhstan in the second half of the nine-
teenth century. Zdrav.Kazakh. 17 no.8:41-47 '57.
(MIRA 12:6)

(KAZAKHSTAN--PUBLIC HEALTH)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, R.I., dots.

Organization of the Soviet public health system in Kazakhstan.
Zdrav.Kazakh. 17 no.10/11:49-54 '57. (MIRA 12:6)
(KAZAKHSTAN--PUBLIC HEALTH)

SAMARIN, Roman Ivanovich; BERNSTEYN, V.A., red.; LEVANOV, Yu.M.,
otv. za vypusk; NAGIBIN, P.A., tekhn.red.

[Studies on the history of the public health system in
Kazakhstan] Ocherki istorii zdravookhranenia Kazakhstana.
Alma-Ata, Kazakhskoe gos.izd-vo, 1958. 161 p. (MIRA 12:8)
(Kazakhstan--Public health)

SAMARIN, R.I., prof.

Problems in protecting the health of workers as revealed by
materials of the 22d Congress of the CPSU. Zdrav.Kazakh. 22
no.3:3-7 '62. (MIRA 15:12)

(INDUSTRIAL HYGIENE)

SAMARIN, R.I., prof.

Medicine for migrants in Kazakhstan. Zdrav.Kazakh. 22 no.6:66-
71 '62. (MIRA 15:11)
(KAZAKHSTAN--MEDICINE)

SAMARIN, R.I., prof. (Alma-Mata)

Apropos of the compilation of symposia and monographs on the
history of medicine and public health. Sov. zirav. 22 no.9:
62-62 '63. (MIRA 17:4)

SAMARIN, S. I.

Boots and Shoes - Trade and Manufacture

Selection of the proper type of building for a shoe factory, Leg. prom., No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

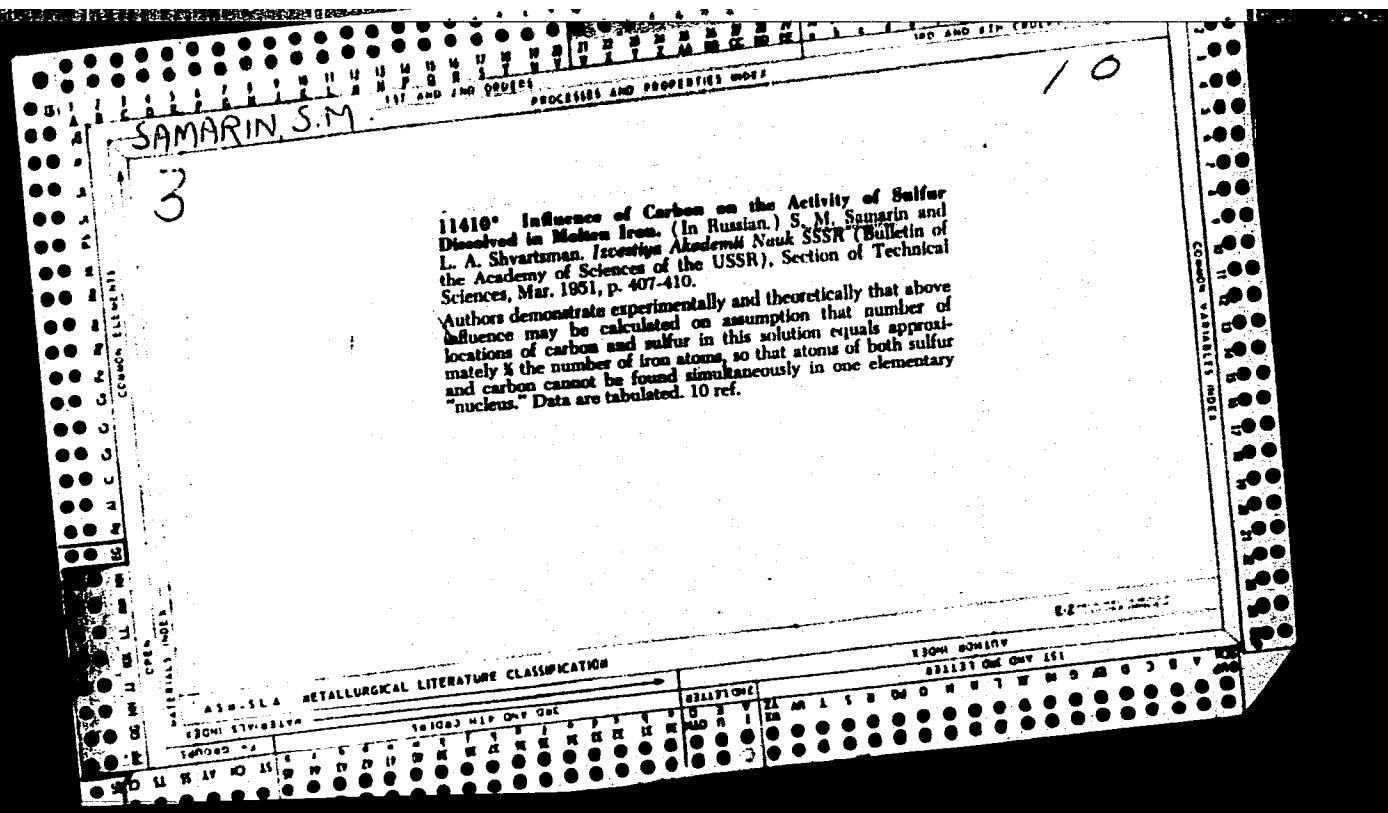
MASSARSKIY, V. M.; SAMARIN, S. I.

Boots and Shoes - Trade and Manufacture.

Make-up of a size assortment by the factory distribution department.

Leg. prom. 12, No. 4:46, APRIL 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.



"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

GORELIK, A.M., kand. tekhn. nauk; SAMARIN, S.S., inzh.; FLOROVA, A.F.,
inzh.

X-ray equipment used for determining the mineral composition
of clays. Transp. stroi. 9 no. 4:55-56 Ap '59.

(MIRA 12:6)

(X rays--Equipment and supplies) (Clay--Analysis)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, V.

Sov/85-58-8-21/40

AUTHOR: Trupp, L., Chairman, DOSAAF Primary Committee, and Samarin, V., Secretary, VLKSM Committee (Kazan')

TITLE: Young Creators of Winged Machines (Molodyye tvortsy krylatykh mashin)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 8, pp 16-17 (USSR)

ABSTRACT: The authors describe the rapid progress made by the Studencheskoye optychnoye konstruktorskoye byuro (Students' Experimental Design Office) [OKB] of the Kazanskiy aviationsionnyy institut (Kazan' Aviation Institute) [KAI], which has grown from the original 4 members in 1955 to more than 50 members. As the group expanded and the lack of training gliders became apparent, the students designed and constructed their own gliders, the frame models KAI-5, KAI-7, and KAI-9. These three and the KAI-8, a two-seater all-metal soaring glider, and the KAI-10, a light, single-seater soaring plane, were approved by the appropriate directorate of the DOSAAF Central Committee. The KAI-11, a single-seater all-metal glider training model, weights only 66 kg., compared to 100 kg. for the BRO-9. The KAI-12, another all-metal glider, is now produced in series and will be widely used for training. The all-metal KAI-14, KAI-15 and KAI-16 gliders are intended especially for record gliding. The KAI-18 helicopter has been designed to meet the economic needs of the country; this model is the work of Yu. Kazantsev and Yu. Kuklev, graduates of the In-

Card 1/2

Sov/85-58-8-21/40

Young Creators of Winged Machines,

stitute. The students are all Komsomol members, none over 29 years of age. The leader and instructor of the glider team, E. Groysman, is himself a student. The test pilot, A. Pantyukhin, champion parachutist of the city of Kazan', is a former secretary of the VLKSM Committee. The DOSAAF Central Committee has recommended serial production of the all-metal, lightweight single-seaters KAI-10 and KAI-11. The group is now seeking permission to open a branch aeroclub at the Kazan' Aviation Institute. There are 24 photographs.

ASSOCIATION: Pervichniy komitet DOSAAF (DOSAAF Primary Committee) and Komitet VLKSM (VLKSM Committee) (Kazan')

Card 2/2

SAMARIN, Viktor (g.Sortavala, Karel'skaya ASSR); KOZYREV, Viktor
(g.Sortavala, Karel'skaya ASSR)

Our native land. IUn.nat. no.7:18-19 Jl '62. (MIRA 15:8)
(Sortavala--Nature study)

SAMARIN, V.A.

Specialization in the production of spare parts textile equipment.
Tekst. prom. 19 no.5:10-13 My '59. (MIRA 12:10)
(Textile machinery)

SAMARIN, V.A., inzh.

More attention to technical development in the textile industry.
Mekh. i avtom.-proizv. 14 no.8:4-5 Ag '60. (MIRA 13:8)
(Textile industry--Technological innovations)

SAMARIN, V.F., inzh. lesnogo khozyaystva

Controlling the green oak roller. Zashch. rast. ot vred. i
bol. 9 no.5:20 '64. (MIRA 17:6)

1. Luganskoye oblastnoye upravleniye leskhazzaga.

SAMARIN, V.G.

Streptomycin in the treatment of osteoarticular tuberculosis. Sovet. med.
17 no. 4:27-29 Apr 1953. (CIML 24:4)

1. Of the Bone Surgery Division (Head -- K. Ye. Pokatilov), Moscow Oblast
Scientific-Research Tuberculosis Institute (Director -- Prof. P. V. She-
banov).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, V.G.

Placental membranes for treating burns. Khirurgija Supplement:
57-58 '57. (MIRA 11:4)
(BURNS AND SCALDS) (PLACENTA)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, V.G.; TSYPLUKHIN, V.P.; KOZYREV, M.A.

Methodological prerequisites of the use of A.A. Ivanov's slot type
photographic wave recorder. Trudy NGI 20:51-57 '60.

(MIRA 13:10)

(Oceanographic instruments) (Waves)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

LEVCHENKO, S.P.; SAMARIN, V.G.; TSYPLUKHIN, V.F.

Determining impulse pressures in a closed vessel filled with water
in case of an air cavity. Trudy MGI 20:79-87 '60. (MIRA 13:10)
(Oceanographic research)

IVANOV, A.A.; SAMARIN, V.G.

Formulas for determining wave elements in synchronous surveying
from the ship with two A.A. Ivanov's slot type photographic wave
recorders set up on a vertical. Trudy MGI 20:116-121 '60.

(MIRA 13:10)

(Waves)

(Hydrographic surveying)

IVANOV, A.A.; SAMARIN, V.G.

Determining the velocity of waves from wave photograms made from
the shore with a slot-type photographic wave recorder. Trudy MGI
(MIRA 14:11)
23:66-72 '61.

(Waves)
(Photogrammetry)

SAMARIN, V.G.; TSYPLUKHIN, V.F.

Engineering method of calculations for gas-filled membrane-type
pressure recorders with a leak. Trudy MGI 23:85-93 '61. (MIRA 14:11)
(Waves)
(Pressure—Measurement)

KAZAKOV, S.P.; SAMARIN, V.G.

Participation of the Hydrophysical Institute of the Academy of Sciences of the U.S.S.R. in the scientific conference on measurement methods and apparatus for hydraulic research held in Kiev, Trudy MGI 23:167-171 '61.

(MIRA 14:11)

(Hydraulics)
(Waves)

KROSHKIN, M.G.; SAMARIN, V.G.

Exchange through the World Data Center B of materials obtained
with rockets and satellites. Geofiz.biul. no.12:115-124 '62.
(MIRA 16:5)
(Artificial satellites) (Rockets (Aeronautics))

SAMARIN, V.G.; TSYPLUKHIN, V.F.

Characteristics of certain laboratory mechanical installations
for the creation of surge pressures in water. Trudy Mor.gidrofiz.
inst. AN URSR 28:72-80 '63. (MIRA 17:3)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, V.G.

New foreign research ships. Okeanologija 3 no.2:349-356 '63.
(MIRA 16:4)
(Oceanographic research ships)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, V.G.

Experimental determination of the coefficients of added water
mass and the submersion resistance of bodies. Okeanologija 3
no.4:714-720 '63. (MIRA 16:11)

SAMARIN, V.G.

Krylov's "telephot." Priroda 51 [i.e. 52] no.5:91-95 '63.
(MIRA 16:6)

1. Mezhdunovodstvennyy geofizicheskiy komitet pri Prezidiume
AN SSSR, Moskva.

(Stability of ships)
(Photography—Scientific applications)

TSYPLUKHIN, V.F.; SAMARIN, V.G.; SERGEYEV, V.A.

Gradient measurements of pressure variations in the surface
layer of the sea from a ship by the use of a wave measuring
pole. Okeanologija 1 no.3:522-530 (MIRA 16:9)

1. Morskoy gidrofizicheskiy institut AN SSSR.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAMARIN, V.G.

The new American Antarctic research ship "Eltanin." (Okeano-
logia 4 no.3t543-544 '64) (MIRA 18:1)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

L 20991-65 ERO-2/EWD(j)/FSF(h)/FSS-2/ENG(r)/EWI(1)/PS(v)-3/EEC(k)-2/EWD(s)-2/
ENG(v)/EWA(d)/EEC(t)/EWD(a)/ENG(c) Pe-5/P1-4/Po-4/Pq-4/Pac-4/Pas-2 AFMDC
S/0313/64/000/004/0001/0001
ACCESSION NR: AR4044987 TT/GW

SOURCE: Ref. zh. Issledovaniye kosmicheskogo prostranstva, no. 4, 1964, Abs. 4. 62. 1

AUTHOR: Kroshkin, M.G., Samarin, V.G.

TITLE: Five years of Soviet space investigations 1/2

CITED SOURCE: Geofiz. Byul. Mezhdunar. geofiz. kom-t pri Prezidiume AN SSSR, no.
13, 1963, 80-93

TOPIC TAGS: artificial earth satellite, space rocket, interplanetary sation, Vostok
series, Kosmos series

TRANSLATION: This is a concise review of the fundamental stages in the space investigations carried out by the Soviet Union. The point is made that the launchings of space vehicles effected in the SSSR have been, and are, for scientific purposes: the study of the upper layers of the Earth's atmosphere, outer space and the planets of the solar system, as well as medico-biological research in space. Tables are given which reflect the basic information on all space apparatus launched in the SSSR during the 1957-1962 period. This information includes the purposes and mission of the launch, the name and international designation of the space vehicle, orbital parameters, as well as other data drawn from

Card 1/2

L 20991-65
ACCESSION NR: AR4044987

official sources (TASS releases and others). The launches are grouped in the tables according to the purpose of the vehicles (artificial earth satellites; space rockets and interplanetary stations; space satellite-ships; "Vostok" space-satellite ships; artificial earth satellites of the "Kosmos" series). The bibliography contains 41 titles. V. Samarin.

SUB CODE: SV

ENCL: 00

Card 2/2

L 2333-66 ETC(m) WW
ACCESSION NR: AP5016290

UR/0362/65/001/006/0634/0642
551.46.082

2/
19
B

AUTHOR: Samarin, V. G.

TITLE: Theoretical investigation of pressure receivers with capillary filters

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v.1, no. 6, 1965, 634-642

TOPIC TAGS: pressure measurement, pressure gauge, pressure transducer, filtration

QM,44

ABSTRACT: The linear theory of pressure receivers with leakage, the principles of which were developed by S. V. Dobroklonskiy (Tr. Morsk. gidrofiz. in-ta AN SSSR v. 8, 1956), is described. Approximate formulas are derived for the changes in pressure in an instrument, when the pressure sensed by a sensitive element placed in an air- or water-filled working chamber (behind a filter). It is shown that the linear theory is valid under strictly limited conditions, which are determined by irreversible (hydraulic or elastic) mechanical losses in the sensitive system of the instrument, and also by the character of the leakage in the filter in the region of Poiseuille flow. The theoretical formulas estimate the changes in the pressure in the instrument (ahead of the filter), even though the change is sensed by a

Card 1/2

L 2333-66

ACCESSION NR: AP5016290

2

pickup placed in the working chamber of the instrument (behind the filter). Even under such limitations, which simplify the problem, it is shown that under non-stationary conditions, in a broad spectrum of frequencies, the interpretation of the recorded signal and the determination of the actual picture of the change in the pressure is a very complicated problem. At the same time, this problem is of great practical importance, and its analysis calls for theoretical investigations (in the nonlinear formulation of the problem) and an experimental verification. Orig. art. has: 2 figures and 23 formulas.

ASSOCIATION: Institut "Gidroproyekt" im. S. Ya. Zhuka (Gidroproyekt Institute) 44

SUBMITTED: 03Oct64

ENCL: 00

SUB CODE: IS

NR REF Sov: 011

OTHER: 015

beh

Card 2/2

L 57850-65 EWT(m)/EWA(d)/EWP(v)/EPR/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/
PT-4/Ps-4 IJP(c) MJW/JD/HW
ACCESSION NR: AP5012644

UR/0135/65/000/005/0020/0021
621.791.752:669.715 43B

AUTHOR: Kurkumeli, A. A. (Engineer); Samarin, V. I. (Engineer); Makutin, K. B.
(Engineer); Skopinov, Ye. N. (Engineer)

TITLE: Automatic three-phase arc welding of AMg6 alloy under assembly conditions

SOURCE: Svarochnoye proizvodstvo, no. 6, 1965, 20-21

TOPIC TAGS: butt welding, aluminum welding, arc welding

ABSTRACT: A description is given of the equipment and technology for three-phase arc welding of 12 mm-thick elements of AMg6 under assembly conditions. Data are presented which show that by using AMg5V welding rod instead of AMg6, weld joints can be obtained which have the same tensile strength but have higher ductility. Participants in these tests were Engineers E. N. Yenin and V. F. Zhul'kov, and Technician Yu. V. Beklenishchev. Orig. art. has: 3 figures, 2 tables.

ASSOCIATION: none

Card 1/2

L 57850-65

ACCESSION NR: AP5012644

SUBMITTED: 00

ENCL: 00

SUB CODE: HM

NO REF SOV: 001

CTHER: 000

dm
Card 2/2

Sakarjan, V. P.

Sakarjan, V. P.

"The Plant Resources of the Central Regions of Chelyabinsk Oblast." Tomsk State U imeni V. V. Kuybyshev. Tomsk, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

So: Knizhnaya letopis' No. 27, 2 July 1955

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SAVARIN, V.P.

Komarov flax and the possibility of its cultivation in central
Yakutia. Uch. zap. IAk. un. no.1:83-92 '57. (MIRA 11:3)
(Yakutia--Flax)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

SAMARIN, V.P.

Acclimatizing some fatty oilseed and fiber plants in central Yakutia;
preliminary communication. Ucb. zap. IAk. un. no.1:93-98 '57.
(Yakutia--Acclimatization (Plants)) (MIRA 11:3)
(Fibers) (Oilseed plants)

IOGANZEN, B.G., otv. red.; PETKEVICH, A.N., otv. red.; SAMARIN,
V.P., red.; SHPAKOVSKAYA, L.I., red.

[Development of pond fish culture in Siberia; materials of
the Seventh Plenum of the Western Siberian Branch of the
Ichthyological Commission of the State Planning Committee of
the Council of Ministers of the U.S.S.R. held in Kemerovo on
September 11-12, 1961] Razvitie prudovogo rybolovstva v Sibi-
ri; materialy VII Plenuma Zapadno-Sibirskogo otdeleniya
Ikhtiolicheskoi komissii Gosplana SSSR, provedennogo v
Kemerove 11-12 sentiabria 1961 g. Novosibirsk, 1962. 95 p.
(MIRA 16:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennaya planovaya komis-
siya. Ikhtiolicheskaya komissiya. Zapadno-Sibirskoye ot-
deleniye. 2. Tomskiy universitet (for Iogansen). 3. Gosudar-
stvennyy nauchno-issledovatel'skiy institut ozernogo i rech-
nogo rybnogo khozyaystva (for Petkevich).
(Siberia, Western--Fish culture--Congresses)

SAMARIN, V.S.

AUTHOR: None given SOV/5-58-5-12/70
TITLE: The Hydrogeological Section (Gidrogeologicheskaya sektsiya)
PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,
 Otdel geologicheskiy, 1958, Nr 5, pp 151 - 153 (USSR)
ABSTRACT: The Hydrogeological Section of the Society, (Chairman - O.K. Lange, Secretary - N.P. Lobanova) heard the following reports. On 10 April 1958, by A.S. Dubil'yer, "The Question of Hydrochemical Zonality of Upper-Ferolian Deposits in the South Ural Region", and "The Borate Waters of the Trans-Ural channels" by G.V. Tsvetarin. The following persons took part in the discussions: A.A. Alekseev, A.P. Yakushova, B.P. Mavritsky, S.V. Viktorov, N.P. Lobanova, I.A. Ksenofontova and O.K. Lange. On 17 April 1958, by S.L. Likhov, "Erosive Surfaces of Mountains, the Structure of Mountains and Hydrogeology", and by V.S. Samarin, "The Geomorphology and the Hydrogeological Map". The following persons took part in these discussions: N.I. Skolov, N.V. Domitresko, N.A. Yevirovskaya, A.A. Konoplyantsev, A.S. Dubil'yer, K.V. Filatov, A.A. Brodskiy, V.B. Neiman. On May 15, by K.V. Filatov "The Basic Rules of the Hydrochemical Composition of Subterranean Waters of the Altay, and some Considerations on the Problem of Their Genesis", and by L.M. Gudochkina, "The Engineering and Geological Characteristics of Rocks from the Alma-Ata Region". The following persons took part in the discussions: Ye.N. Yartseva, V.N. Popov, A.G. Zavidanova, N.P. Lobanova, Yu. V. Mukhin, D.S. Sokolov and O.K. Lange. On May 22, by N.V. Tagyeva, "The Geochemistry of Pore Waters from Quaternary and Pliocene Sediments of the Caspian Sea", and by Ch. Ya. Krol', "The Geochemistry of Pore Solutions of Carboniferous Deposits of the Moscow Oblast". The following persons took part in the discussions: V.N. Popov, A.A. Gavryukhina, G.L. Stadnikov, V.P. Bel'skaya, Ch. Ya. Krol', A.G. Zavidanova and O.K. Lange. On May 29 1958, the reports were made by A.I. Silin-Bekh-Zubov, "Some Problems of Hydrogeology in North Africa and Hindustan" and by A.G. Zavidanova "The Devonian Waters of the Tambov Oblast". The following persons took part in the discussions: Yu.M. Mukhin, A.G. Zavidanova, N.A. Yevirovskaya, A.S. Dubil'yer, O.K. Lange and A.I. Silin-Bekh-Zubov.

Card 1/3

Card 2/3

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

MENDELEVICH, G.Sh. (Volgograd); SAMARIN, V.V. (Volgograd)

Graphical method for solving the equations of state of a wire in
a span. Elektrichesvo no.5:76-78 My '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

L 13569-66 EWT(m)/EWP(j)/T/ETC(m) WW/EM

ACC NR: AR5011413

UR/0081/65/000/006/S038/S038

SOURCE: Ref. zh. Khimiya, Abs. 6S255

AUTHOR: Berlin, A.A.; Samarin, Ye.F.; Sumin, I.G.; Kozlova, T.S.

TITLE: Investigation in the field of polymerizable oligomers. Synthesis and some properties of Polyesteracrylates on pentaerythrite base

CITED SOURCE: Tr. po khimii i khim. tekhnol. Gor'kiy, vyp. 1(9), 1964, 105-107

TOPIC TAGS: chemical reaction, polymerization, catalysis

TRANSLATION: The condensation telomerization of pentaerythrite and the following dicarboxylic acids: sebacic, adipic, and phthalic with an addition of methacrylic acid in a ratio of pentaerythrite to the acids 1:2:6.6 in the presence of 5% of dil. (1:10) H_2SO_4 as catalyst; or using n-toluenesulfonic acid in a toluene, or benzene medium under continuous azeotropic distillation of the reaction water was carried out. Polyesteracrylates are a mixture of oligomers with a degree of polycondensation $n=2$. At $n=1$ the ester number and the bromide number were determined. The M_w was found. The polyesteracrylate was polymerized with 0.5% of benzoyl peroxide at 70° and 120° for 5 hrs. The physical-mechanical properties of polymers, such as hardness (Brinell), static bending strength and the weight loss at 240° in N_2 atmosphere were determined. N. Nikolaenko

SUB CODE: 07

Card 1/1

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8

SHIRANOVICH, P.I.; MOLODOVSKIY, A.V.; OSOLINKER, B.Ye. [deceased];
DEREVYANCHENKO, K.I.; SAMARIN, Ye.G.

Microclimate of the burrows of the greater gerbil Rhombomys
opimus Licht. Zool.zhur. 44 no.8:1245-1254 '65.
(MIRA 18:11)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446920007-8"

POSLAVSKIY, A.N.; POSTNIKOV, G.B.; SAMARIN, Ye.G.

Wintering places of birds in the northern Caspian Sea region
and Mangyshlak Peninsula. Trudy Inst. zool. AN Kazakh. SSR
24:157-180 '64. (MIRA 17:12)

L 18316-65 EPG(j)/EWT(1)/EWP(s)/EWC(k)/EWT(m)/EPF(c)/EPF(n)-2/EPR/EEC(b)-2/EWP(b)
Pz-6/Pr-h/Ps-4/Pu-4 IJP(c)/AFWL/SSD WW/AT/MH
ACCESSION NR: AP4049532 S/0089/64/017/005/0329/0335

AUTHOR: Millionshchikov, M. D.; Gverdtsiteli, I. G.; Abramov,
A. S.; Gorlov, L. V.; Gubanov, Yu. D.; Yefremov, A. A.; Zhukov, V. F.;
Ivanov, V. Ye.; Kovyrzin, V. K.; Koptelov, Ye. A.; Kosovskiy, V. G.;
Kukharkin, N. Ye.; Kucherov, R. Ya.; Lalykin, S. P.; Merkin, V. I.;
Nechayev, Yu. A.; Pozdnyakov, B. S.; Ponomarev-Stepnoy, N. N.;
Samarin, Ye. N.; Serov, V. Ya.; Usov, V. A.; Fedin, V. G.; Yakovlev,
V. V.; Yakutovich, M. V.; Khodakov, V. A.; Kompaniyets, G. V.

TITLE: The "Romashka" high-temperature reactor-converter /9

SOURCE: Atomnaya energiya, v. 17, no. 5, 1964, 329-335

TOPIC TAGS: nuclear power reactor, reactor feasibility study, re-
search reactor, thermoelectric converter/Romashka

ABSTRACT: The authors briefly describe the construction, parameters,
test results, and operating experience of the "Romashka" reactor-

Card 1/8

L 18316-65
ACCESSION NR: AP4049532

converter unit, which has been in operation at the Kurchatov Atomic Energy Institute since August 1964. The fuel used is uranium dioxide enriched to 90% U²³⁵. Graphite and beryllium are used as reflectors. Electricity is generated by silicon-germanium semiconductor thermocouples distributed on the outer surface of the reflector and connected in four groups which can be connected in series or in parallel. The temperatures of the active zone and outer surface are 1770 and 1000°C, respectively. The power ratings are 0.50—0.80 kW electric and 40 kW thermal, the maximum current (parallel connection) is 88 A, the neutron flux is 10^{13} neut/cm² sec in the center of the active zone and 7×10^{12} on its boundary. The reactor has a negative temperature reactivity coefficient. The equipment has high inherent stability and requires no external regulator, and little change was observed in the thermocouple properties after 2500 hours of operation. Tests on the equipment parameters are continuing, and the results are being analyzed for use in future designs.
Orig. art. has: 8 figures and 1 formula.

Card 2/3

SAMARIN, Yu.A.

Associative nature of mental activity. Vop. psichol. 3 no.2:18-30
Mr-Ap.'57. (MLRA 10:6)

i. Nauchno-issledovatel'skiy institut pedagogiki Akademii pedago-
gicheskikh nauk RSFSR, Leningrad.
(Association of ideas) (Thought and thinking)

SAMARIN, Yu.A.

In the Department of Psychology of the Leningrad Institute of
Pedagogical Research of the Academy of Pedagogical Sciences of
the R.S.F.S.R. Vop. psichol. 3 no.2:155-157 Mr-Ap '57.
(Educational psychology) (MLRA 10:6)

SAMARIN, Yu.A.

Concerning P.IA.Galperin's conception of the so-called
"intellectual actions." Vop.psikhол. 5 no.5:154-160
(MIRA 13:3)
S-O '59.

1. Leningradskiy institut pedagogiki APN RSFSR.
(Thought and thinking)

SAMARIN, Yu.A.

"Combination of the teacher's word and visual aids in
teaching." Vop.psichol. 6 no.2:156-158 Mr-Apr '60.
(MIRA 13:7)
(Visual aids) (Teaching) (Zankova, L.V.)